Acer LCD TV
AT3201W
User's Guide

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Acer LCD TV AT3201W User's Guide
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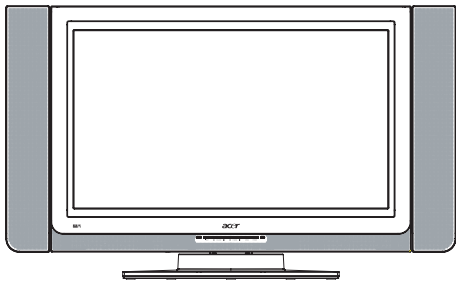

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Important safety instructions

Read these instructions carefully. Save them for future reference.

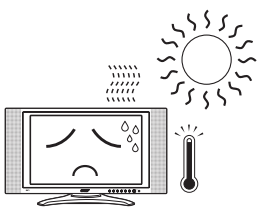
1 Follow all warnings and instructions marked on the product.

2 Unplug this product from the power outlet before cleaning. Use a soft, moist cloth for cleaning. Do not use liquid or aerosol cleaners.

3 Do not use this product near water. Do not spill water or any other liquid on the product.

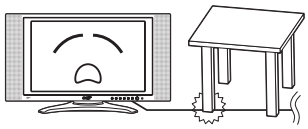
4 Do not place this product on an unstable cart, stand, or table. The product may fall, causing serious damage to the product.

5 Slots and openings are provided for ventilation; to ensure reliable operation of the product and to protect it from overheating. These openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should never be placed near or over a radiator or heat register, or in a built-in installation unless proper ventilation is provided.



6 This product should be operated from the type of power source indicated on the label. If you are unsure of the type of power source available, consult your dealer or local power company before use.

7 Do not step on or place heavy objects on the power cord. Carefully route the power cord and any cables away from foot traffic. Do not locate this product where persons will step on the cord.



8 If an extension cord is used with this product, make sure that the total ampere rating of the equipment plugged into the extension cord does not exceed the extension cord ampere rating. Also, make sure that the total rating of all products plugged into the wall outlet does not exceed the fuse rating.

9 Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short out parts that could result in a fire or electric shock.

10 Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage points or other risks. Refer all servicing to qualified service personnel.

11 Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

a. When the power cord or plug is damaged or frayed.

b. If liquid has been spilled into the product.

c. If the product has been exposed to rain or water.

d. If the product does not operate normally when the operating instructions are followed. Adjust only those controls that are covered by the operating instructions since improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal condition.

e. If the product has been dropped or the case has been damaged.

f. If the product exhibits a distinct change in performance, indicating a need for service.

12 Only use the correct power cord (provided in your accessories box) for this product. Always disconnect the power cord from the wall outlet before servicing or disassembling this equipment.

Taking care of your remote control

Follow these steps to ensure proper care of your remote control:

- Handle the remote control with care. Dropping it, placing it in direct sunlight, or allowing it to get wet may cause damage.
- Do not tamper with the batteries, and keep them away from children.
- When you anticipate that the remote control will not be used for an extended period, remove the batteries to prevent possible damage from battery leakage.
- Dispose of batteries according to local regulations. Recycle if possible.

Cleaning and servicing

When cleaning your LCD TV, follow these steps:

1 Power off the TV.

2 Disconnect the power cord.

3 Use a soft, moist cloth. Do not use liquid or aerosol cleaners.

Declaration of Environmental Protection Conformity

1. This product was produced in compliance with strict global environmental regulations regarding pollution levels.
2. The manufacturer of this product is ISO 14001 certified.
3. Do not dispose of this product after use. Please recycle in accordance to your country's regulations.
4. LAMP(S) INSIDE THIS PRODUCT CONTAIN MERCURY AND MUST BE RECYCLED OR DISPOSED OF ACCORDING TO LOCAL, STATE OR FEDERAL LAWS. FOR MORE INFORMATION, CONTACT THE ELECTRONIC INDUSTRIES ALLIANCE AT WWW.EIAE.ORG. FOR LAMP SPECIFIC DISPOSAL INFORMATION CHECK WWW.LAMPRECYCLE.ORG.
5. Please visit the Acer website (http://www.acer.com) for more environmental protection information.

First things first

We would like to thank you for making the Acer LCD TV your choice. Your new Acer LCD TV will provide you with years of entertainment, versatility, and satisfaction.

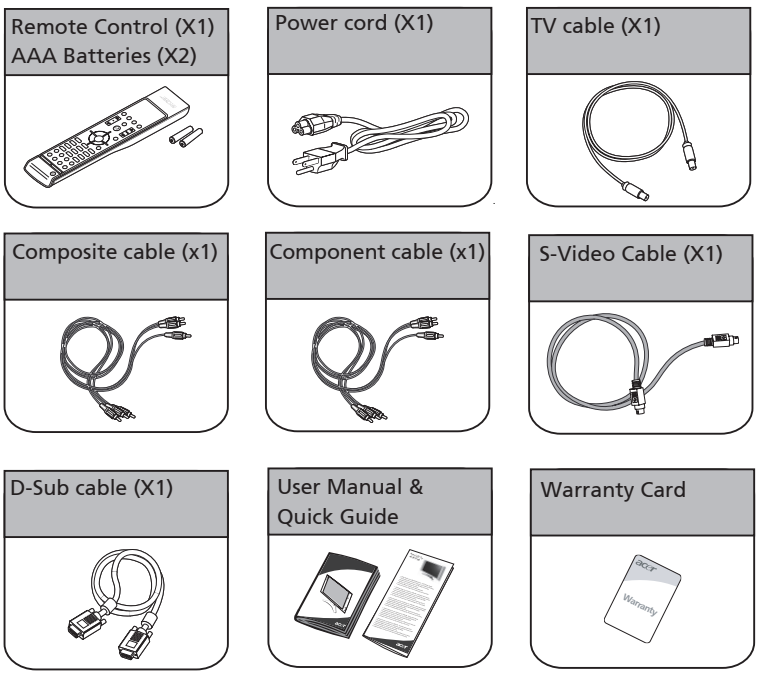
This User's Guide introduces you to the various features of your LCD TV, and provides clear and concise information about the product. It is important that you read it thoroughly before use and retain it for future reference.

Basic features and benefits

- Wide display with 1366 x 768 resolution - HDTV ready display
- Simultaneous pre-viewing of programs with 4 different Picture-In-Picture modes
- Excellent sound enhancement with SRS WOW technologies
- Brilliant color with gamma correction
- Minimized motion artifacts through noise reduction
- Sharp and accurate image with de-interlacing and comb filter
- Best DVD video quality with 3:2/2:2 pull down recovery
- Elegant TV appearance and remote control

Packing checklist

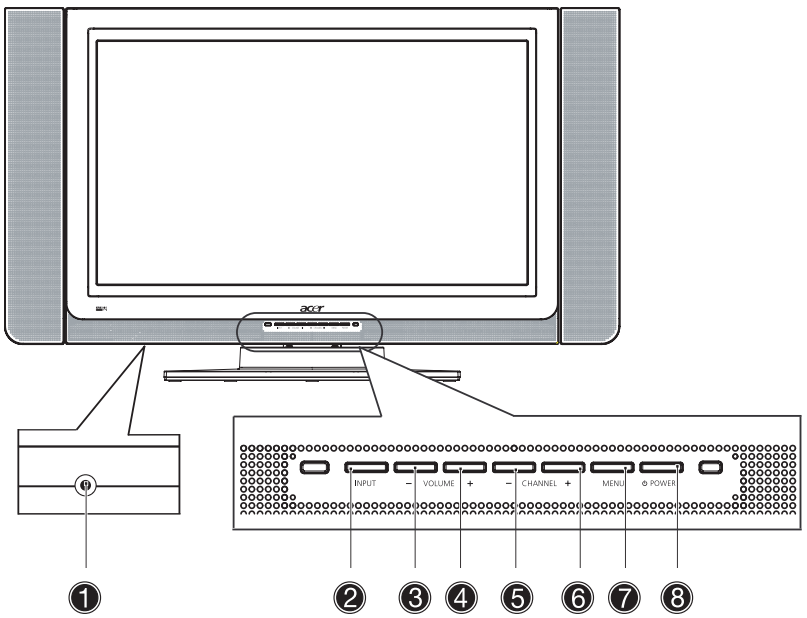
In addition to the accessory box, your LCD TV package should contain the following accessories. Please ensure that they are all present.



Your LCD TV overview

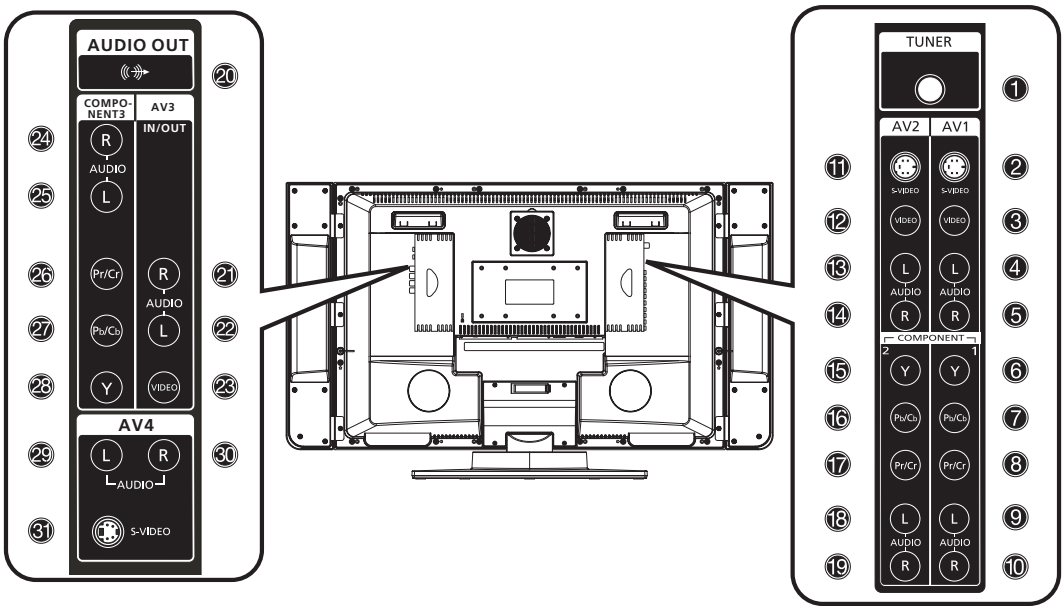
English

Front panel view



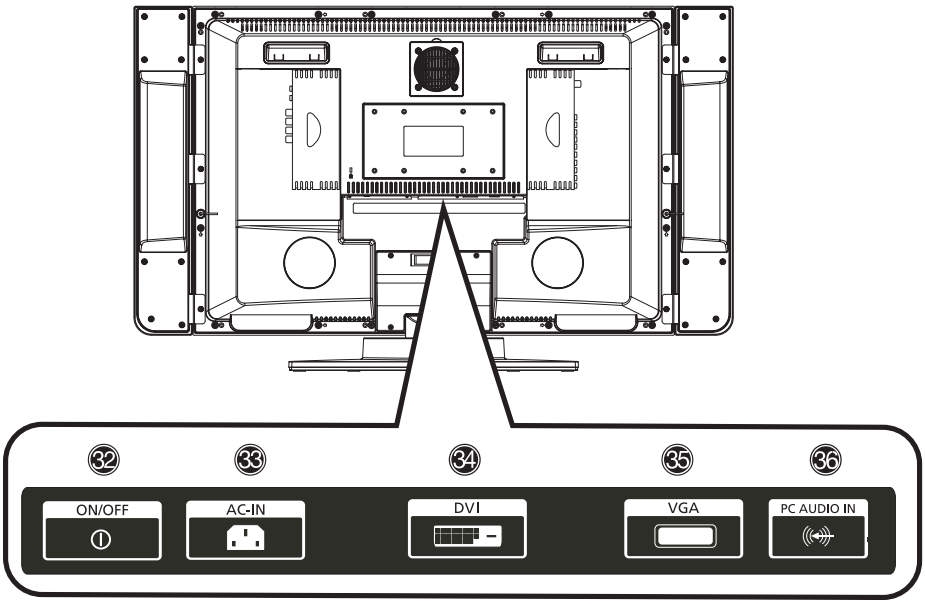
No.	Item	Description
1	Headphone	Connects to headphones.
2	Input	Select source. When the OSD is on, press this button to confirm selection
3	Vol Down	Volume down. When the OSD is on, functions the same as the Left arrow
4	Vol Up	Volume up. When OSD is on, functions the same as the Right arrow
5	Channel Down	Channel down. When the OSD is on, functions the same as the Down arrow
6	Channel Up	Channel up. When the OSD is on, functions the same as the Up arrow
7	Menu	Turns the OSD menu ON and OFF
8	Power	Turns the Power ON and OFF

Rear panel view



AV1/AV2/AV4			Item	Description
①			Tuner	Connects the outdoor antenna cable
②	⑪	㉛	S-Video	Connects to the S-Video output of your DVD, VCR player with the S-video cable
③	⑫		Video	Connects to the Composite - video output of your DVD, VCR player with the yellow composite cable
④	⑬	㉙	Audio-L	Connects to the Audio-L output of your DVD, VCR player with the white composite cable
⑤	⑭	㉚	Audio-R	Connects to the Audio-R output of your DVD, VCR player with the red composite cable
Com1/Com2/Com3			Item	Description
⑥	⑮	㉘	Component-Y	Connects to the Component-Y output of your DVD, VCR player with the green component cable
⑦	⑯	㉗	Component-Pb/Cb	Connects to the Component- Pb/Cb output of your DVD, VCR player with the blue component cable
⑧	⑰	㉖	Component-Pr/Cr	Connects to the Component- Pr/Cr output of your DVD, VCR player with the red component cable
⑨	⑱	㉕	Audio-L	Connects to the Audio-L output of your DVD, VCR player with the white composite cable
⑩	⑲	㉔	Audio-R	Connects to the Audio-R output of your DVD, VCR player with the red composite cable
AV3			Item	Description
㉓			Video In Video Out	Connects to the composite output of your camcorder or video game. In TV mode, connects to the composite input of your VCR or PVR to record TV programs. (Please set AV3 to "out" using the OSD.)
㉑	㉒		Audio In (L/R) Audio Out (L/R)	Connects to the audio output (L/R) of your camcorder or video game. In TV mode, connects to the audio (L/R) input of your VCR or PVR to record TV programs. (Please set AV3 to "out" using the OSD.)

Bottom view

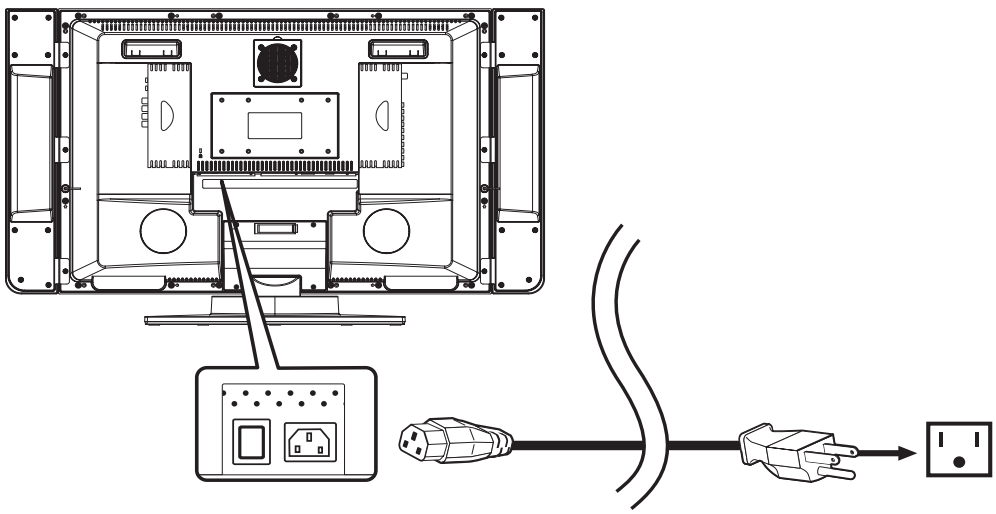


Bottom		
32	ON/OFF	Turns the power on and off.
33	AC In	Connects to an AC power source.
34	DVI-D In	Connects to DVI-D output (e.g., from your PC.)
35	D-Sub In	Connects to VGA output (e.g., from your PC.)
36	PC Audio In	In PC mode, connects to the audio output of your PC or other devices with a DVI or VGA connector.

Basic connection

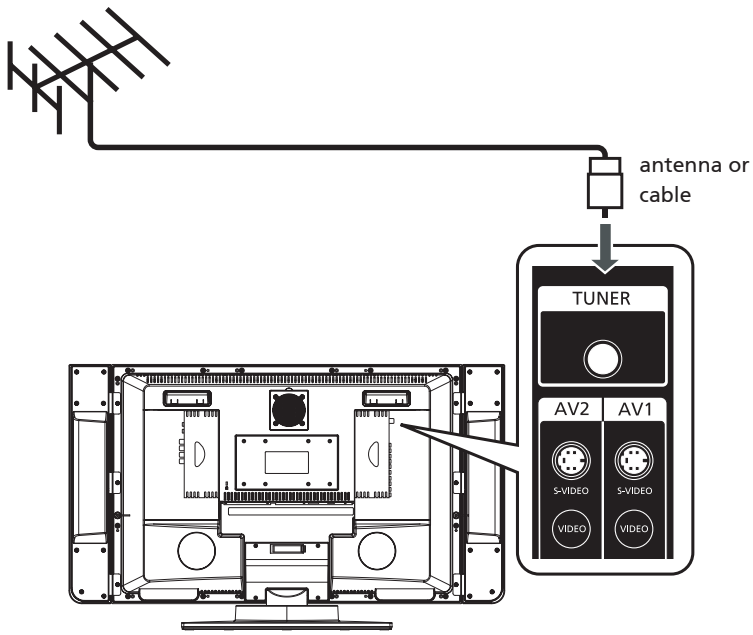
Connecting the power cord

1. Plug the AC cord into the AC input on the back of the set.
2. Connect the male plug to the wall outlet as shown.



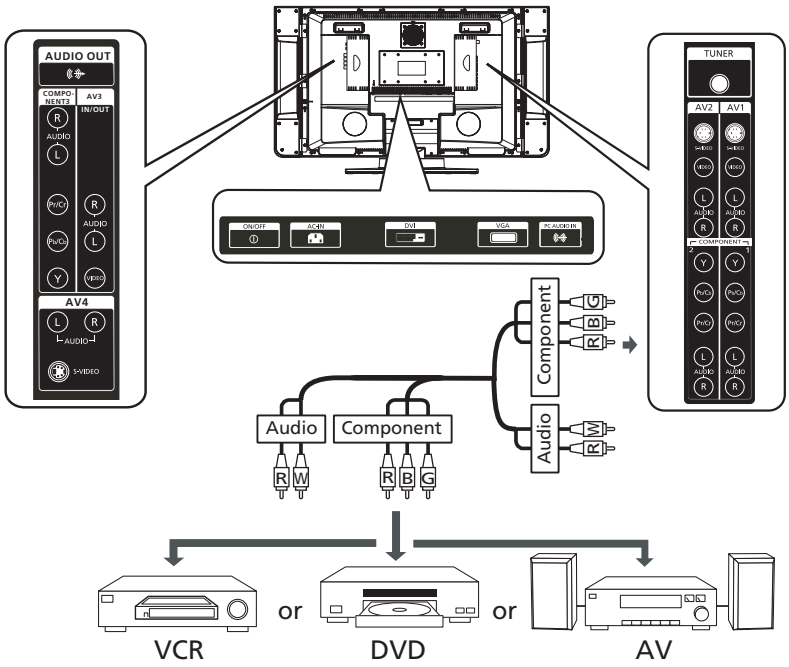
Connecting an antenna or cable

Plug the outdoor antenna or cable lead-into the antenna terminal on the back of the TV set as shown.



Connecting DVD/VCR/AV equipment

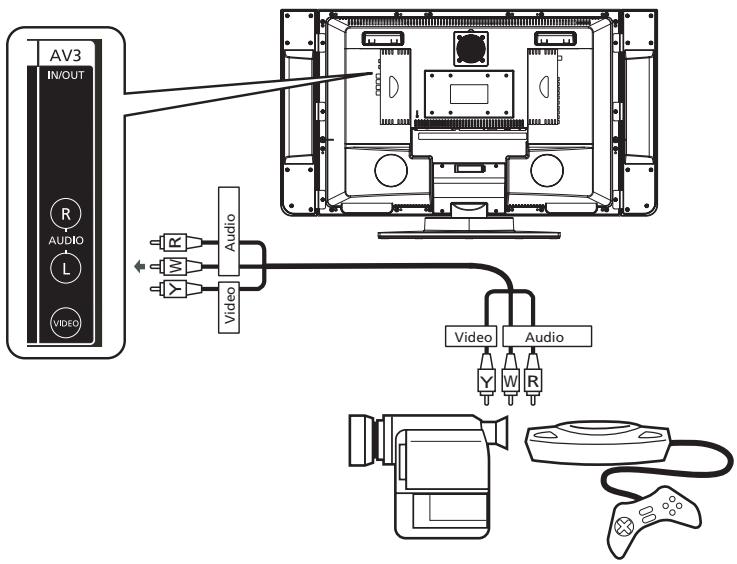
Connect your external device to the Componet/Audio ports on the TV set as shown below.



Alternatively you can use other connectors such as DVI, S-Video, Video and Audio R/L for appropriate equipment

Connecting a camera, camcorder or video game

Connect your camera or camcorder to the Video/Audio ports on the bottom of the TV set as shown below.

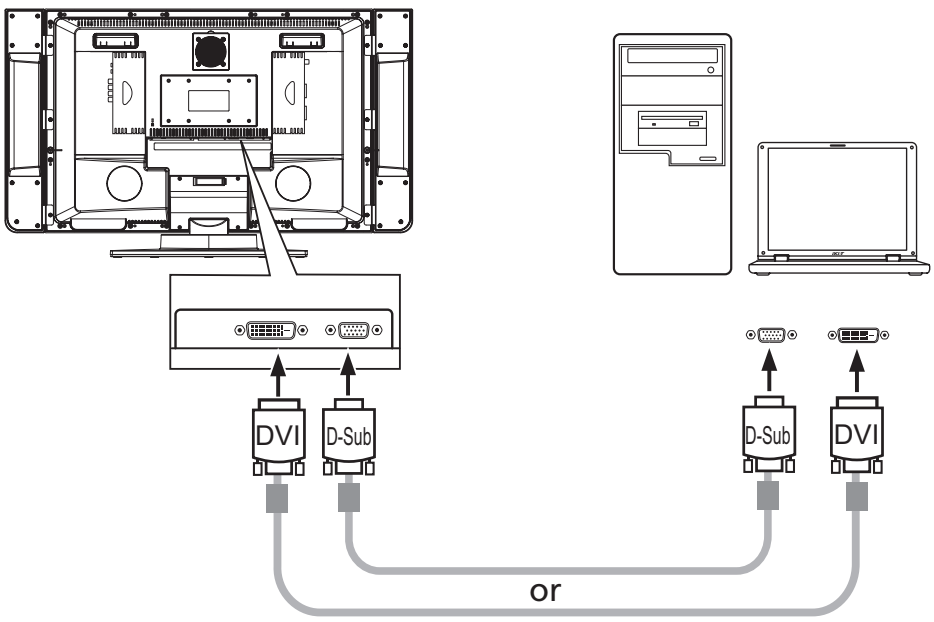


Connecting headphones

Connect your headphones to the headphone input port on the bottom of the TV set as shown below.

Connecting a PC or Notebook

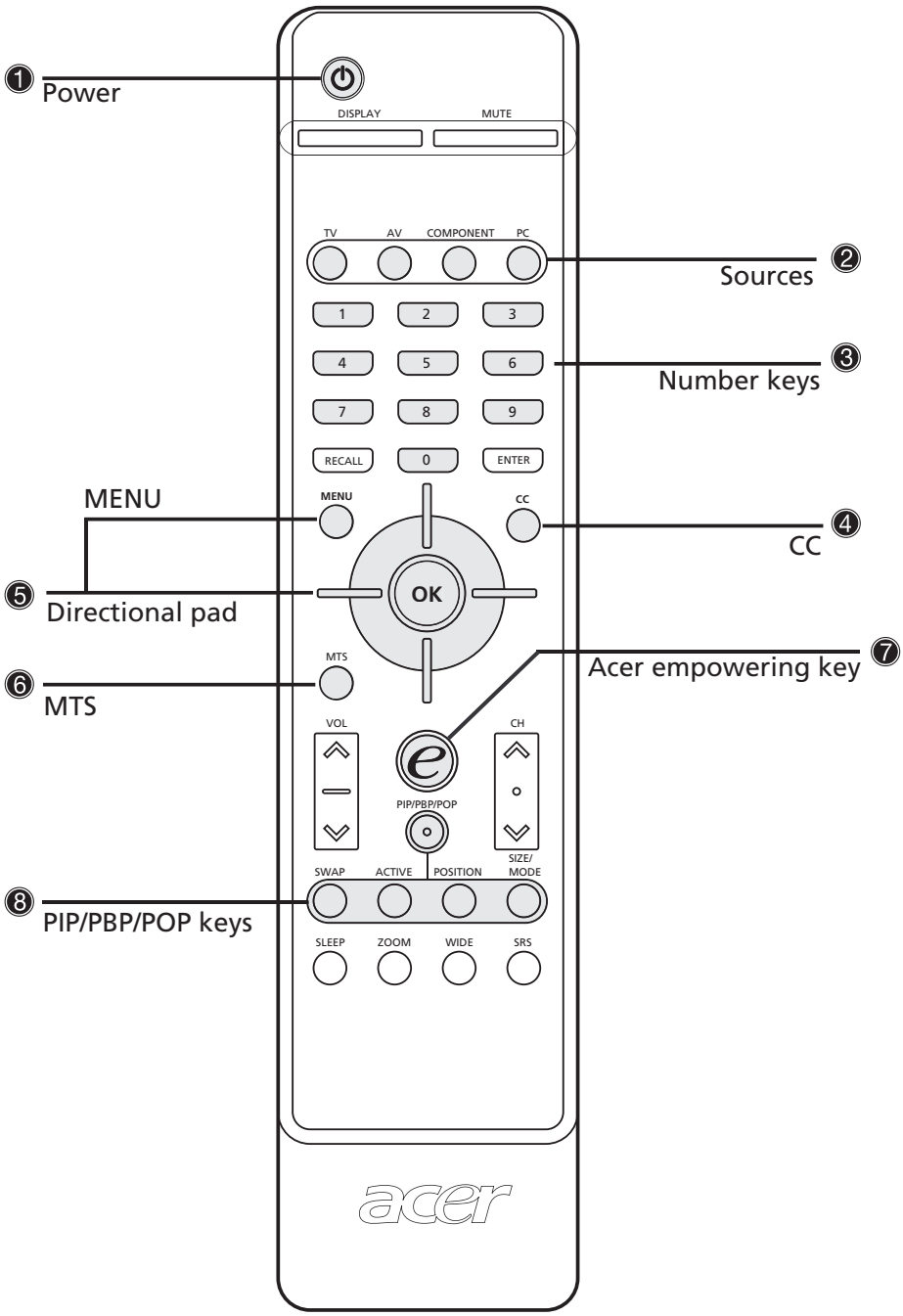
Connect your PC or notebook to the D-Sub or DVI ports on the bottom of the TV set as shown below.



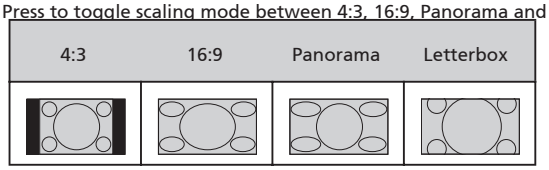
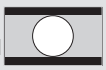
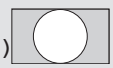
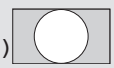
The Max. resolution is 1366 x 768. For PC connections, the optimal setting is 1360 x 768@60Hz.

Remote control overview

English



General Keys

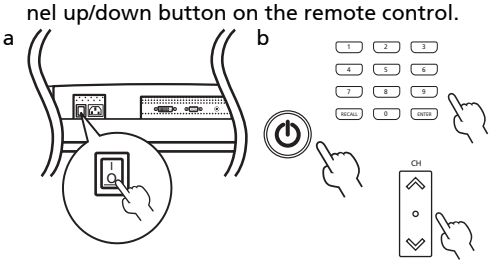
	Item	Description
❶	Power button	Press to turn your TV on/off.
	DISPLAY	Displays the channel number and input source on the upper right-hand corner of the screen.
	MUTE	Press once to mute the sound; press again to restore.
❷	TV	Press to toggle select TV mode.
	AV	Press to toggle between AV1, AV2, AV3 and AV4.
	Component	Press to toggle between Component1, Component2 and Component3.
	PC	Press to toggle sources between VGA and DVI
❸	Number keys	Number keys from 0-9.
	ENTER	Press to confirm channel selections by the number keys.
	RECALL	Press to return to the previous channel.
❹	CC	Press to select close caption and text service between CC1, CC2, CC3,CC4, Text1, Text2, Text3. Text4.
❺	MENU	Press to open Menu or leave Menu.
	4-way scroll key/OK	When the OSD is on: Navigate up, down, left and right in the OSD menu / press OK to confirm.
❻	MTS	Press to switch the sound system between stereo, main, and SAP. Information is displayed in the top right-hand corner.
❼	e	Acer empowering key for Favorite Channel, Scenario Mode. See page 18.
	CH (up/down)	Press to sequentially select the TV channel.
	VOL (up/down)	Press to increase or decrease the volume.
❽	PIP/PBP/POP	Switch between PIP/PBP/POP modes. See page 20.
	SWAP	When in PIP/PBP mode: Toggle primary and sub- screens.
	ACTIVE	When in POP mode: Toggle the active screen.
	POSITION	When in PIP mode: Change position of sub- screen
	SIZE/MODE	When in PIP mode: Select sub- screen size (25%, 37.5%, 50%) When in POP mode: Switch POP mode between 1+5 and 1+12
	SLEEP	Set a time period after which the TV will switch itself to standby. Press repeatedly to select the number of minutes.
	WIDE	Press to toggle scaling mode between 4:3, 16:9, Panorama and Letterbox 
	ZOOM	Press to switch image between Normal  Zoom1 (1.85:1)  Zoom2 (2.35:1) 
	SRS	Press to select WOW, TruBass, 3D Stereo, Off modes sequentially. SRS is a technology to enhance 3D sound, bass performance and to produce a wider sound field.

Getting started watching your TV

Power On

a. Press the power switch located on the bottom of the TV to the “on” position

b. Push the power button, number keys, or channel up/down button on the remote control.



Setup Wizard

The first time you switch on the TV, the Setup wizard will guide you to complete the “language selection” and “channel scanning”.

Step 1. Please select language:

Step 2. Please plug in the tuner coaxial cable and then press "OK" key

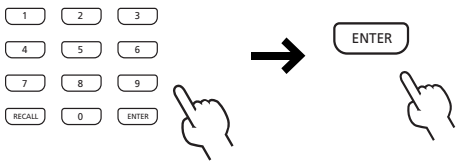
Step 3. Please select TV system

Step 4. Auto scanning, please wait.

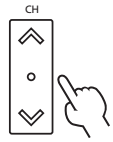
Setup completed

Changing channels

1 Press 0-9 on the remote control to select a channel. The channel changes after 2 seconds. Press ENTER to select the channel immediately.

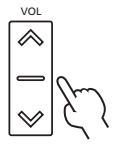


2 You can also change the channel by pressing and holding the channel up/down button on the remote control. Up will increase the number, while down will decrease the number.



Adjusting the volume

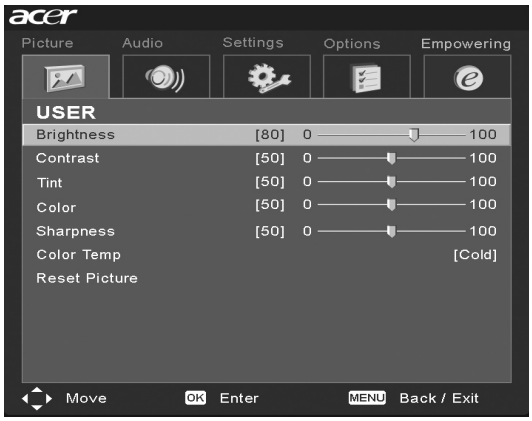
Adjust the volume by pressing using the Vol +/- button on the remote control. Up will increase the volume, while down will decrease the volume.



You can also adjust the volume and channel using the buttons on the front control panel. Please see “Front panel view” on page 8 for details.

OSD Navigation

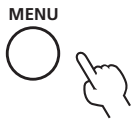
Advanced settings and picture adjustments are available through the OSD (on- screen display) menus, as shown in the example screenshot below.



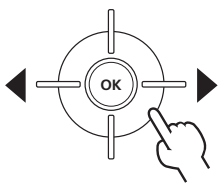
You can also interact with these menus using the front panel controls. Please see “Front panel view” on page 8 for details.

Navigating the OSD using the remote control:

There are five main OSD menus. These are: Picture, Audio, Settings, Options and Empowering. Use the following method to easily navigate these menus.



1 Press the “Menu” button on the remote control or the “Menu” button on the control panel.



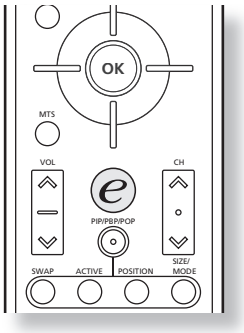
2 Select your desired menu by using the Left/Right sides of the directional pad to switch between the five menus.

3 Use the directional pad to interact with the menu. The Up/Down directions will scroll through the menu options, while Left/Right will adjust the different settings (for example, in the Picture menu, settings such as brightness, contrast, etc). If there are no adjustments, press “OK” to select.

Advanced Features

English

Empowering Key: Scenario Mode and Favorite Channels



Use the OSD to define your "e" Empowering Key setting: Scenario mode or Favorite channel. The default for the "e" key is the Scenario mode. Follow these steps: Menu > Empowering > e Key Setting. Choose between "Favorite channel" or "Scenario mode." Now, when you press the "e" key, your chosen selection will be accessed.

Scenario Mode

Press the"e"Empowering key and use the Scenario mode to select pre-defined audio and video settings for optimal enjoyment of the following scenarios: Standard, Movie, Sport, Concert, Game, User; and smoothly presents moving images.

Mode	Scenario Mode Design Direction
Standard	Standard mode allows you to watch your favorite channels with sharp, brilliant imagery via adaptive brightness and contrast adjustments. Clear-sounding audio is provided by SRS performance.
Movie	For comfortably enjoying movies at home, Movie mode displays dim scenes in clear detail; compensates for color; and smoothly presents moving images. This is accomplished through optimal Gamma correction plus saturation, brightness and contrast adjustments. Movie mode makes the most of high-definition movie soundtracks by using SRS WOW technology.
Game	Game mode carefully details the exquisite graphics of modern video games, providing lifelike entertainment while protecting your eyesight by adjusting brightness and contrast. What's more, Game mode provides a heightened audio experience via SRS WOW technology.
Sports	Sports mode is suited for outdoor sports programs, with accurate background depth and clear gradation between the bright, outdoor playing field and darker auditoriums. Sports mode also brilliantly enhances colors and presents swiftly moving pictures without residual images. All of this is achieved via specific Gamma corrections and saturation adjustments. Precise audio can be heard, thanks to TruBass performance.
Concert	Concert mode places you in a virtual concert hall, opera house or other dim environment by means of adaptive brightness and contrast adjustments. Concert mode accentuates symphonic harmonies and the tenor audio range using SRS WOW technology.

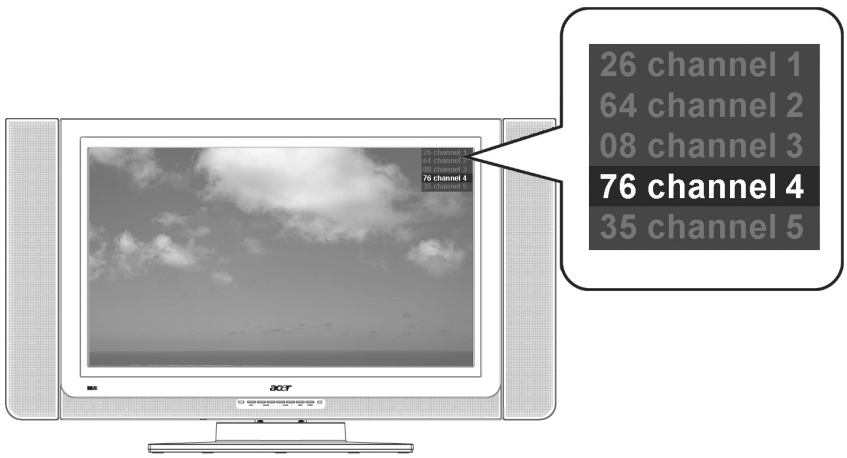
Favorite Channels

Please note that Scenario mode is the default value for the “e” Empowering key. In order to make use of the following instructions, please set Favorite channel as the default using the method described on the previous page.

Storing favorite channels

For quick access to your favorite channels, use the following method:

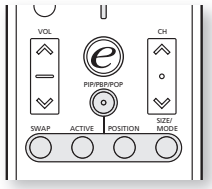
- To store a channel in memory for quick access, select your desired channel, then press and hold the “e” Empowering key on the remote control for more than 2 seconds. This will store the TV channel information at the bottom of the favorite list.
- There are a total of five slots in which you can store TV channels.
- If there is no empty slot in the favorite list, the first channel will be wiped out and the new TV channel is added at the bottom of the favorite list. Simply put, it’s “First in, first out”.
- When the current channel is stored in the favorite list, pressing the “e” key for more than 2 seconds will remove the channel from the favorite list.
- To view currently stored favorite channels, press the “e” Empowering key. You will see a screen similar to the one shown below



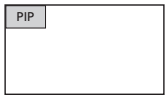
Viewing your favorite channels

- On the remote control, if you press the “e” Empowering key for less than 1 second, the favorite channel table will pop up. Your currently selected favorite channel will be highlighted. To view your other favorite channels, press the “e” Empowering key again to toggle the TV channels sequentially according to your favorite list.

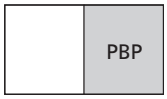
PIP/PBP/POP



In TV, AV, Component and PC mode, press PIP/PBP/POP button once to display using picture- in- picture (PIP). Press twice to display using picture- by-picture (PBP).

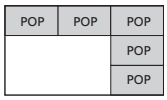


PIP (Picture in Picture)



PBP (Picture by Picture)

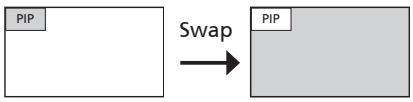
In Component and PC mode, press PIP/PBP/POP button three times to display picture-on-picture (POP). Then, the POP screens will display the subsequent TV channels one-by-one.



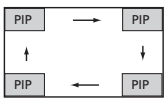
POP (Picture on Picture)

PIP

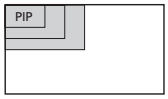
1. Press the “TV/Component/AV/PC” keys, number keys or “CH up/down” key to change the content of the PIP screen.
2. Press “Swap” key to change the content between the primary and the PIP screen.



3. Press the “Position” key to select the location of the sub-screens,: from Upper Left -> Upper Right -> Lower Right -> Lower Left, as shown in the image.

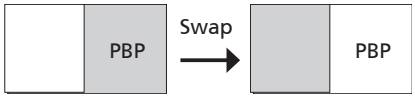


4. Press the “Size/Mode” key to change the size of the PIP screen between 25%, 37.5%, 50%



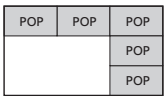
PBP

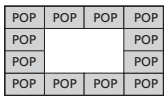
1. Press the “TV/Component/AV/PC” keys, number keys or “CH up/down” key to change the content of the PBP screen.
2. Press “Swap” key to change the content between the primary and the PBP screen.



POP

1. Press “Activate” key to activate the TV channel on the top-left POP screen.
2. After pressing the “activate key”, press the number keys or “CH up/down” key to change the TV channel of the top-left POP screen. The other POP screens will show the subsequent channels in sequence.
3. Press the "Size/Mode" key to access the 1 + 5 or 1+12 picture on picture mode as shown in the image below.





Parental Control

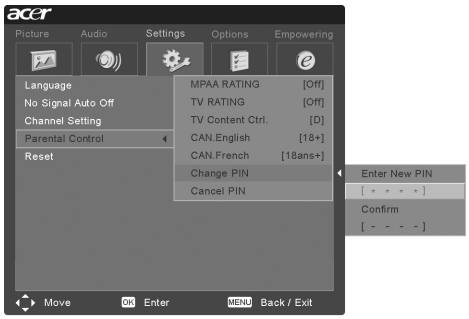
Setting Up Your Personal ID Number (PIN)

When in TV, AV or Component mode, you can find the Parental Control feature by entering the Settings menu. The first time you use the Parental Control feature, enter the default PIN number, 0000, to activate the V-CHIP. This prevents children from accessing restricted content and channels.

To change your PIN, follow these steps:

Menu -> Settings -> Parental Control -> Change PIN -> Enter New PIN -> Confirm

If you forget your PIN, enter 6163 to reset the feature.



Enable/Disable the V-Chip:

The U.S. has two rating systems for viewing content: TV parental guidelines and movie ratings.

Motion Picture Association of America (MPAA) ratings

The MPAA system is used mainly for rating movies.

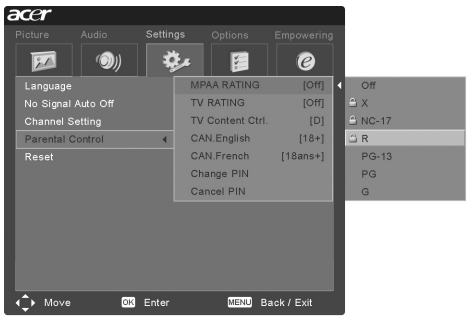
The categories are as follows:

Rating	Description
X	X (Adults only)
NC17	No one 17 and under admitted.
R	Restricted. Under 17 requires accompanying parent or adult guardian
PG-13	Parents guidance for children under 13.
PG	Parental guidance suggested.
G	General audiences.

1. To set MPAA, use the following method to access:

   Menu -> Settings -> Parental Control -> MPAA -> Set Rating

   (indicates the item is blocked)



TV rating:

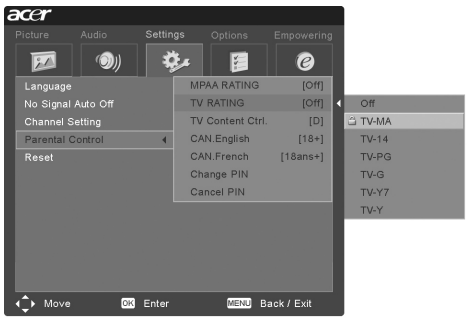
Access to most programs and movies on television can be controlled using the TV ratings.

The categories are as follows:

	Content				
TV Rating	FV Fantasyvio-lence)	V (Violence)	S (Sexualsituation)	L (Adultlan-guage)	D (Sexuallys uggestive dialog)
TV-MA (Mature audience only)		V	V	V	
TV-14 (Parents strongly cautioned)		V	V	V	V
TV-PG (Parental guidance suggested)		V	V	V	V
TV-G (General audience)					
TV-Y7 (Directed to older children)	V				
TV-Y (All children)					

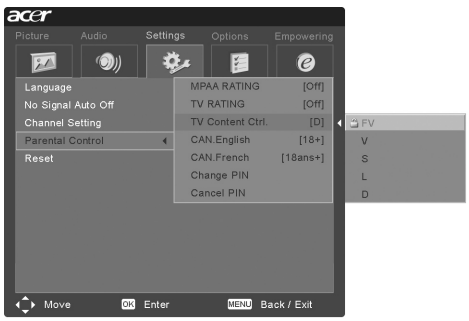
1. To set or change the TV ratings system, use the following method:

   Menu -> Settings -> Parental Control ->
   TV Rating -> Set Rating
   Click on a rating category to block it.
   (indicates the item is blocked)



   The TV-Y7, TV-PG, TV-14 and TV-MA settings have additional options for blocking content. The TV content control menu will show the appropriate items for your current TV ratings setting. Use the following method to alter the content settings:

   Menu -> Settings -> Parental Control ->
   TV Content Ctrl.->set content
   (indicates the item is blocked)



The V-chip will automatically block categories that are rated as “more restricted.” For example, if you block the TV-G, then all the categories in the “young adult” group will automatically be blocked (TV-G, TV-PG, TV-14 and TV-MA). The content control (FV, V, S, L, D) and the Canadian Rating Systems work similarly.

Canadian rating Systems

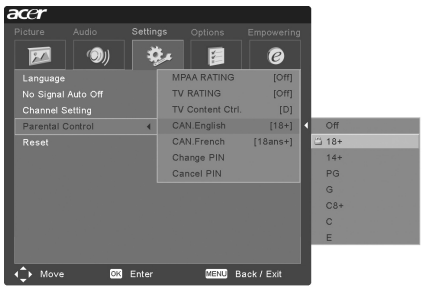
Canada has two systems for rating Television content: Canadian English ratings and Canadian French ratings.

Canadian English ratings

The categories are as follows:

Rating	Description
18+	Adults
14+	Over 14 years old
PG	Parental guidance suggested
G	General audiences
C8+	Children over 8 years old
C	Children under 7 years old
E	Exempt programming

1. To set CAN.English, use the following method to access:
   Menu -> Settings -> Parental Control ->
   CAN.English -> Set Rating
   (indicates the item is blocked)

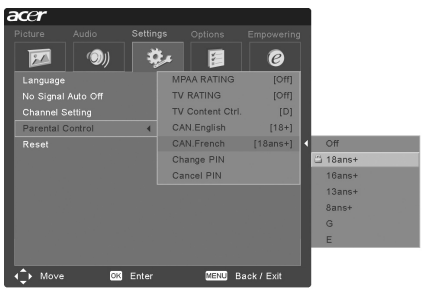


Canadian French ratings

The categories are as follows:

Rating	Description
18ans+	Over 18 years old
16ans+	Over 16 years old
13ans+	Over 13 years old
8ans+	Children over 8 years old
G	Gernal
E	Exempt programming

1. To set CAN.French, use the following method to access:
   Menu -> Settings -> Parental Control ->
   CAN.French -> Set Rating
   (indicates the item is blocked)



Troubleshooting

Before you call the Acer service center, please check the following items:

The following is a list of possible situations that may arise during the use of your LCD TV. Easy answers and solutions are provided for each one.

There is no picture or sound.

- Make sure the power cord is properly inserted in the power outlet.
- Make sure the input mode selector is set to the correct source.
- Make sure the antenna at the rear of the TV is properly connected.
- Make sure the main power switch is turned on.
- Make sure the volume is not set to minimum or the sound is not set to mute.
- Make sure the headphones are not connected.
- Reception other than those of broadcasting stations can be considered.

Picture is not clear.

- Make sure the antenna cable is properly connected.
- Consider whether TV signals are being properly received.
- Poor picture quality can occur due to a VHS camera, camcorder, or other peripheral being connected at the same time. Switch off one of the other peripherals.
- The 'ghost' or double image may be caused by obstruction to the antenna due to high rise buildings or hills. Using a highly directional antenna may improve the picture quality.
- The horizontal dotted lines shown on the pictures may be caused by electrical interference, e.g. hair dryer, nearby neon lights and etc. Turn off or remove these equipment.

Picture is too dark, too light or tinted.

- Check the color adjustment.
- Check the brightness setting.
- Check the sharpness function.
- Fluorescent lamp may have reached the end of service life.

Remote control does not work.

- Check the batteries of the remote control.
- Make sure the remote sensor window is not blocked or under strong fluorescent lighting.
- Try to clean the remote control sensor lens on the TV with a soft cloth.
- Use the buttons (hot keys) on the TV before the remote control works.

If the above items do not solve your technical issue, please refer to the warranty card for service information.

Product specifications

	Item	Specification
Panel specifications		
	Resolution	1366 x 768 pixels
	Brightness (typical.)	500 nits
	Contrast Ratio (typical.)	800:1
	Display colors	16.7 M
	Viewing Angle (typical.)	H:170 ; V:170
	Response Time (typical.)	12 ms (gray to gray)
Power supply		
	Input	100V to 240 V-AC.
	Max. power consumption	210 W
	Power Saving	5 W
Mechanical		
	Dimensions (W x H x D mm)	1018 x 616 x 210 mm
	Swivel angle	40 degrees(R20 & L20)
	Weight (kg) / (lbs.)	20.7kg / 45.6lbs.
	Wall Mounting	Yes
Terminal		
	AV1	RCA for CVBS, S-Video, Audio R/L
	AV2	RCA for CVBS, S-Video, Audio R/L
	Component1	RCA for YPbPr/YCbCr, Audio R/L
	Component2	RCA for YPbPr/YCbCr, Audio R/L
	Component3	RCA for YPbPr/CbCr, Audio R/L
	AV3	RCA for CVBS, Audio R/L
	AV4	S-Video, Audio R/L
	PC D-sub	Yes
	DVI-D(HDCP)	Yes
	PC audio-in	Yes
	Audio-out	Yes
	Headphones	Yes
Audio system		
	3D surround	Yes
	Speakers	10 W + 10 W
	SRS	WOW